

Title (en)
DEHYDROHALOGENATION REACTOR AND PROCESS

Title (de)
DEHYDROHALOGENIERUNGSREAKTOR UND -VERFAHREN

Title (fr)
RÉACTEUR ET PROCÉDÉ DE DÉHYDROHALOGÉNATION

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Application
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Abstract (en)
[origin: WO2017066603A1] The invention provides a reactor comprising a reaction chamber having a catalytic surface in contact with reactants in said chamber; and a source for passing electrical current through said catalytic surface. The reactor can be used for dehydrohalogenation reactions, such as dehydrochlorination of HCFC-244bb to HFO-1234yf, and for reactions where zero valent metals are employed for catalysis. The invention further provides a process to prepare HFO-1234yf from HCFC-244bb using an electrically heated reaction chamber.

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